Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 21 Feb 2021 until 23:59 on Monday 22 Feb 2021

Forecast Issued on Saturday 20 Feb 2021 at 09:46

Confidence: High for mainly dry weather through Sunday and Monday then for wet and windy conditions arriving on Tuesday. Low from Wednesday onwards for position of rainbands across the UK.

Headline for Sunday 21 Feb 2021: Dry, bright and windy.

Mountain weather hazards on Sunday 21 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	20%

Forecast for Sunday 21 Feb 2021

Weather: Dry with clear or sunny spells, although some high cloud may obscure the sun in the afternoon. A few showers may affect the south Lakes during the evening.

Chance of cloud free mountain/hill tops above 800m: 40% becoming 80% during the morning as cloud on the summits clears. 40% in south in the evening.

Visibility: Patchy summits cloud overnight will lift in the morning with good visibility then expected at all levels. Poor at times in the south during the evening with areas of cloud developing above 600m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 21 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	45/56 SW	43/53 S	41/50 S	36/45 S	32/41 S	29/37 S	29/35 S	27/33 S	25/31 S
600	36/50 SW	33/46 S	31/44 S	30/41 S	27/36 S	24/33 S	24/34 S	22/31 S	21/28 S
300	14/37 SW	12/33 S	10/30 S	9/26 S	11/27 S	10/25 S	7/22 S	6/20 S	7/19 S
Valley	14/35 S	13/33 S	11/31 S	10/26 S	12/26 S	10/23 S	8/22 S	7/20 S	7/19 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-6	1/-7	1/-7	1/-7	2/-6	2/-4	2/-4	2/-5	2/-5
600	4/-3	3/-4	3/-4	3/-4	4/-2	5/-1	4/-1	4/-2	3/-2
300	6/2	6/2	5/2	5/2	7/4	8/5	6/4	6/4	5/3
Valley	8/4	7/4	7/4	8/5	9/6	9/7	8/6	7/6	7/5
Freezing Level*	1100m	1000m	1000m	1100m	1100m	1000m	1100m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mild day down in the valleys but a cold day on the tops with a significant wind chill.

Forecast for Monday 22 Feb 2021

Weather: Any showers in the south dying overnight. A dry and bright day with high cloud making the sunshine rather hazy. Staying dry and mild with clear spells in the evening.

Maximum wind: South or SW 25-30mph overnight, easing to 15mph during morning. Increasing to 25 gusts 35mph in evening.

Chance of cloud free mountain/hill tops above 800m: 40% overnight and early morning then becoming 80%.

Visibility: Areas of cloud above 600m overnight and early morning, mainly southern fells. Cloud lifting then good visibility at all levels.

Temperature: **Valleys:** Plus 6C rising to 9 or 10C.
At 800m: Plus 2 or 3C.
Freezing level: 900-1000m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 20 February. Location: Helvellyn summit at 12:30. We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. A challenging day of strong gusty winds and torrential rain for the Lake District. Windspeeds on the summit of Helvellyn rose from 15mph to 80mph while the fell top assessors was taking his observations! The thaw is continuing at all levels with summit temperatures of 5 degrees C. The ground is generally saturated and becks, streams & rivers are in spate with associated hazards. The few remaining isolated patches of snow are generally to be found above 750m on N through E aspects. Many routes are now snow free including the Swirls path on Helvellyn from the Thirlmere side. Striding & Swirral Edges can almost be climbed without setting foot on snow. However there are a few unavoidable patches including the steep exit slopes on which a slip would have very serious consequences. There is also a surprising amount of sheet ice to contend with here and on the Helvellyn plateau where the snow has been compressed by walkers feet and around the edges of the remaining snow patches. Microspikes and an ice axe as a minimum but preferably crampons are strongly recommended for anyone tackling steep and exposed terrain where they may have to cross areas of snow. As a result of freeze thaw action there is now also a lot of loose rock on the fells including on popular routes such as Swirral Edge. Full winter clothing and equipment are still required by anyone venturing onto the Lake District fells. Hypothermia is a very real risk in the current wet and windy conditions especially if you are ill equipped, lost, injured and or exhausted. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: plus 5.5C, Maximum wind speed 80.2mph, Wind chill: minus 2.9C, Average wind speed: 35.8mph.

Issued at: 1730 on Sat 20 Feb 2021

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